CITY COUNCIL AGENDA ITEM COVER MEMO

Agenda item Number	10
Meeting Type: Regular	Meeting Date: Jul 24, 2014
Action Requested By: <u>Engineering</u>	Agenda Type: Resolution
Subject Matter:	
Agreement with S&ME, Inc.	
-	
Exact Wording for the Agenda:	
pervices for sockwell bitch improvements, Project N	
Note: If amendment, Please state title and number	er of the original
tem to be considered for: Action	Unanimous Consent Required: No
Briefly state why the action is required; why it is recom accomplish and; any other information that might be he	elpful.
Ingineering services contract for pre-engineering. ero he Not-to-Exceed Ceiling Price of $$12,925.00$.	Account No. 23-6500-0816-8216.
	geted Item:
AYOR RECOMMENDS OR CONCURS:	
epartment Head: Katho Mars	Date: 7/12/14

ROUTING SLIP CONTRACTS AND AGREEMENTS

Originating Department: Engineering Council Meeting Date: 7/24/2014

Department Contact: Lynn Majors Phone # 256-427-5201

Contract or Agreement: Consulting Services

Document Name: Sockwell Ditch Improvements, Project No. 65-14-DM34

City Obligation Amount:

\$12,925.00

Total Project Budget:

\$12,925.00

Uncommitted Account Balance:

0

Account Number:

23-6500-0816-8216

	Procurement Agreements
Not Applicable	Not Applicable
	Grant-Funded Agreements

Not	Grant Name:
<u>Applicable</u>	

Department	Signature	Date
1) Originating	Rather Mart	7/18/14
2) Legal	Mysin Cato	7/2/14/
3) Finance		7/21/14
4) Originating		///
5) Copy Distribution		
a. Mayor's office(1 copies)		
b. Clerk-Treasurer(Original & 2 copies)		

RESOLUTION NO. 14-

BE IT RESOLVED by the City Council of the City of Huntsville, Alabama, that the Mayor be, and is hereby authorized, to enter into an agreement with S&ME, Inc., in the amount of TWELVE THOUSAND NINE HUNDRED TWENTY-FIVE AND NO/100 DOLLARS (\$12,925.00) for Professional Engineering Services for Sockwell Ditch Improvements, Project No. 65-14-DM34, in Huntsville, Alabama, on behalf of the City of Huntsville, a municipal corporation in the State of Alabama, which said agreement is substantially in words and figures similar to that document attached hereto and identified as "Agreement between City of Huntsville and S&ME, Inc. for Engineering Consulting Services for Sockwell Ditch Improvements, Project No. 65-14-DM34" consisting of a total of eighteen (18) pages plus twenty-six (26) additional pages consisting of Attachments 1-10, and the date July 24, 2014, appearing on the margin of the first page, together with the signature of the President or President Pro Tem of the City Council, and an executed copy of said document being permanently kept on file in the Office of the City Clerk of the City of Huntsville, Alabama.

ADOPTED	this	the _	24th	_ day of .	July		2014.
						ity Council o ille, Alabama	
APPROVEI) this	s the	24th	_ day of _	July		, 2014
				Mayor of	the City o	of Huntsville	

AGREEMENT BETWEEN CITY OF HUNTSVILLE, ALABAMA

AND

S&ME, INC.

FOR

PROFESSIONAL ENGINEERING CONSULTING SERVICES

FOR

SOCKWELL DITCH IMPROVEMENTS

Project I.D Number 65-14-DM34 Date: July 24, 2014

President of the City Council of the City of Huntsville, AL
Date: July 24, 2014

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AGREEMENT BETWEEN CITY OF HUNTSVILLE, ALABAMA AND

S&ME, INC. FOR

PROFESSIONAL ENGINEERING CONSULTING SERVICES FOR

SOCKWELL DITCH IMPROVEMENTS Project I.D Number 65-14-DM34

THIS AGREEMENT made as of the 24th day of July in the year 2014, by and between the CITY OF HUNTSVILLE, ALABAMA (hereinafter called OWNER), and S&ME, INC., (hereinafter called ENGINEER).

WITNESSETH, for the considerations hereinafter set forth, the parties hereto agree as follows:

ARTICLE 1 - ENGAGEMENT OF THE ENGINEER

The OWNER hereby engages the ENGINEER, and the ENGINEER hereby accepts the engagement to provide general engineering and consultation as a representative of the OWNER to include the following:

- 1.1 Professional engineering consulting services for the Sockwell Ditch Improvements, as further described in ARTICLE 2, and hereinafter called PROJECT.
- By executing this Agreement, the ENGINEER represents to the OWNER that the ENGINEER is a professional qualified to act as the ENGINEER for the PROJECT and is licensed and certified to practice engineering by all public entities having jurisdiction over the ENGINEER and the PROJECT. The ENGINEER further represents to the OWNER that the ENGINEER will maintain all necessary licenses, certifications, permits or other authorizations necessary to act as ENGINEER for the PROJECT until the ENGINEER's remaining duties hereunder have been satisfied. The ENGINEER shall assign only qualified personnel to perform any service concerning the PROJECT. All services rendered by the ENGINEER for the PROJECT shall be performed by or under the immediate supervision of experienced and qualified professionals licensed, certified, and registered as appropriate in the State of Alabama possessing the expertise in the discipline of the service being rendered. The ENGINEER assumes full responsibility to the OWNER for the negligent acts, errors and omissions of its consultants or others employed or retained by the ENGINEER in connection with the PROJECT.
- 1.3 Execution of this Agreement by the ENGINEER constitutes a representation that the ENGINEER has become familiar with the PROJECT site and the local conditions under which the PROJECT is to be implemented. The ENGINEER agrees to provide all

necessary engineering services required to professionally accomplish the ENGINEER's defined scope of services.

<u>ARTICLE 2 – PROFESSIONAL SERVICES OF THE ENGINEER</u>

- **2.1** ENGINEER shall provide for OWNER professional engineering consulting services for Sockwell Ditch Improvements.
- 2.2 These services shall include consultation and advice; customary civil, structural, mechanical and electrical engineering design services; and Architectural services incidental thereto, as outlined herein and further described in the SCOPE OF SERVICES, ATTACHMENT 1.
- 2.3 Upon the OWNERS authorization, the ENGINEER shall prepare a final report for basins completed within that years investigations. Project may be split into two reports if field work cannot be completed in optimum weather conditions.
- 2.4 The ENGINEER shall prepare appropriate bid alternates as necessary in order to assure that the PROJECT can be awarded within the PROJECT budget limitations.
- 2.5 The ENGINEER shall serve as the OWNER's professional representative in those portions of the PROJECT to which this Agreement applies and shall consult with and advise the OWNER during the performance of these services.
- 2.6 The ENGINEER shall incorporate into its evaluation, and into its final work products, the requirements contained within the OWNER's engineering standards, standard specifications, and design manuals referenced in ATTACHMENT 3. The requirements of the State of Alabama Department of Transportation design standards shall be reviewed for applicability and incorporated into portions of the work where joint participation between the OWNER and the State is applicable. When conflicts are noted between the OWNERS requirements and standards of others, the OWNERS standards shall take precedent. Discrepancies shall be brought to the attention of the OWNER. Deviations from OWNER's requirements shall be identified to the OWNER by the ENGINEER in writing prior to incorporating the changes.
- 2.7 The ENGINEER shall obtain a Utility Project Notification Form (Attachment 10) from all affected utilities on the project before smoke testing can begin.
- 2.8 The ENGINEER shall promptly correct, or have corrected, any errors, omissions, deficiencies or conflicts in the ENGINEER's work product or that of his subcontractors/sub-consultants, without additional compensation for time, reproduction or distribution.
- 2.9 During the process of design and preparation of the construction documents, the ENGINEER shall review with the OWNER the construction documents, the estimate of probable construction cost, schedule, and other design services issues. Such review shall be, at a minimum, as outlined in ATTACHMENT 4 as 0%, 30%, 60%, and 90% completion stage. Following such reviews, the ENGINEER shall make any appropriate revisions thereto to assure compliance with the OWNER's requirements.
- 2.10 The ENGINEER shall comply with the City of Huntsville Tree Ordinance and carry the requirements referenced therein with deliverables (drawings, specifications, etc.) in accordance with Section 27-57 of the City of Huntsville Code of Ordinances (Ord. No. 04-45, §13, 2-12-2004).

2.11 A valid City of Huntsville license shall be maintained throughout the term of this contract. Additionally, the engineering firm shall be required to obtain and pay for all other federal, state or local permits, licenses, and fees which may be necessary or required in order to perform the work detailed herein.

ARTICLE 3 – CONSTRUCTION ADMINISTRATION SERVICES OF THE ENGINEER

N/A

ARTICLE 4 - ADDITIONAL SERVICES

The following services of the ENGINEER are not included in Article 2. Nevertheless, the ENGINEER shall provide such services if authorized in writing by the OWNER, and they shall be paid for by the OWNER as provided in Article 7, unless otherwise noted.

- 4.1 Making revision in drawings, specifications or other documents when such revisions are inconsistent with written direction by the OWNER previously given, are required by the enactment of revision of codes, laws or regulations subsequent to the preparation of such documents and not reasonably anticipated, or are due to other causes not within the control or responsibility of the ENGINEER, either in whole or in part.
- 4.2 Preparing drawings, specifications and supporting data in connection with change orders, provided that such change orders are issued by the OWNER due to causes not within the control or responsibility of the ENGINEER, either in whole or in part.

ARTICLE 5 - RESPONSIBILITIES OF OWNER

The OWNER, without cost to the ENGINEER, will perform the following in a timely manner so as not to delay the services of the ENGINEER:

- 5.1 Assist ENGINEER by placing at ENGINEER's disposal all available information pertinent to the PROJECT including previous reports and any other data relative to design or construction of the PROJECT.
- Provide all criteria and full information as to OWNER's requirements for the PROJECT, including design objectives and constraints, space, capacity and performance requirements, flexibility and expendability, and any budgetary limitations. The OWNER shall also furnish copies of all design and construction standards, which OWNER will require to be included in the drawings and specifications.
- 5.3 Assist the ENGINEER as necessary in acquiring access to and making all provisions for the ENGINEER to enter upon public and private lands as required for the ENGINEER to perform the work under this agreement.
- Designate in writing a person to act as the OWNER's representative with respect to the work to be performed under this Agreement, such person to have complete authority to transmit instructions, receive information, interpret and define the OWNER's policies and decision with respect to materials, equipment elements and systems pertinent to the work covered by this Agreement. Examine all studies, reports, sketches, drawings, specifications, proposals and other documents presented by ENGINEER, obtain advice

- 5.5 When requested by the ENGINEER, the OWNER will intercede on the ENGINEER's behalf when data from, or review by, third parties is not on schedule through no fault of the ENGINEER.
- The OWNER's review of any documents prepared by the ENGINEER or its consultants shall be solely for the purpose of determining whether such documents are generally consistent with the OWNER's intent. No review of such documents shall relieve the ENGINEER of its responsibility for the accuracy, adequacy, fitness, suitability and coordination of its work product.

ARTICLE 6 - PERIOD OF SERVICES

6.1 The ENGINEER shall commence services pursuant to this agreement as of July 25, 2014. The final completion date for the completion of design services as outlined in Article 2 shall be October 23, 2014.

The ENGINEER shall perform these services with reasonable diligence and expediency consistent with sound professional practices. The ENGINEER shall include in his schedule an allowance for time required for OWNER's review of submissions and for approvals of authorities having jurisdiction over the PROJECT. When approved by the OWNER, the schedule shall not be exceeded by the ENGINEER, except for cause.

If the ENGINEER becomes aware of delays due to time allowances for review and approval being exceeded, delay by the OWNER, the OWNER's consultants, or any other reason beyond the ENGINEER's control, which may result in the schedule of performance of the ENGINEER's services not being met, the ENGINEER shall promptly notify the OWNER. If the OWNER becomes aware of any delays or other causes that will affect the ENGINEER's schedule, the OWNER shall promptly notify the ENGINEER. In either event, the ENGINEER's schedule for performance of its services shall be equitably adjusted.

ARTICLE 7 - PAYMENT TO THE ENGINEER

7.1 BASIC SERVICES

The OWNER shall compensate the ENGINEER for services rendered pursuant to this Agreement, excepting those services described as Additional Services in Article 4 of this Agreement, by payment of the NOT-TO-EXCEED CEILING PRICE OF TWELVE THOUSAND NINE HUNDRED TWENTY-FIVE AND NO/100 DOLLARS (\$12,925.00) described in Article 2. Additional services of the ENGINEER as described in Article 4, if any, shall be compensated on an hourly basis in accordance with Attachment 5.

7.2 REIMBURSABLE EXPENSES

The scope of work for sub-contracted services is defined in the ENGINEER's scope of services, Attachment 1. The scope includes provisions for administration expenses for subcontracted services and reimbursable direct expenses including but not limited to laboratory tests and analyses; computer services; word processing services; permit fees, bonds, telephone, printing, binding and reproduction charges; and other similar costs.

Indirect costs will have administrative fee reimbursements limited to no more than 5%. Direct costs are also limited to no more than 5% reimbursement.

Reimbursable expenses shall be limited during the term of this agreement as stated in Art. 7.1 Basic Services.

7.3 EFFECTIVE DATE

This contract shall have no force or effect unless and until it is executed by the OWNER and the ENGINEER and a properly executed copy is mailed to the ENGINEER with a notice to proceed (NTP). If a NTP is not issued within sixty (60) days commencing from the last date of execution of this CONTRACT by the OWNER and the ENGINEER, then this CONTRACT shall be NULL AND VOID, the OWNER will not be obligated to any payment to the ENGINEER and the ENGINEER will not be obligated to perform any work under said CONTRACT.

PAYMENT SUMMARY

Professional Engineering Consulting Services NOT-TO-EXCEED CEILING PRICE OF

\$12,925.00

TOTAL CONTRACT AMOUNT:

\$12,925.00

ARTICLE 8 - GENERAL PAYMENT PROCEDURE

8.1 INVOICES

- 8.1.1 The ENGINEER shall submit monthly invoices to the Administrative Officer. Engineering Division, for the basic services described under Articles 2 and 4 for the design of the PROJECT. Invoices must include the City of Huntsville project name and number, dates of services, contract amount, previous billings and current billing. Additionally, invoices for services that are not contracted for as "lump sum" in Article 4 must also be itemized and include, as a minimum, a description of each task performed, the amount of time utilized performing each task, the name(s) of personnel who performed the task and the cost for each specific task. Along with each invoice, the ENGINEER must submit a consultant progress report in the format shown in Attachment 6. No payment will be made without the consultant progress report completed and attached. progress reports shall be submitted monthly even if no request for payment is made. If services under Article 4 are included in the invoice for additional services not included under the lump sum provisions, or services billed as time and material, the classification and hours of such persons rendering the services shall be attached to the invoice.
- 8.1.2 The signature of the ENGINEER on the invoice shall constitute the ENGINEER's representation to the OWNER that the services indicated in the invoice have progressed to the level indicated, have been properly and timely performed as required herein, that the reimbursable expenses included in the invoice have been reasonably incurred, that all obligations of the ENGINEER covered by prior invoices have been paid in full, and that, to the best of the ENGINEER's knowledge, information and informed belief, the amount requested is currently

due and owing, there being no reason known to the ENGINEER the payment of any portion thereof should be withheld. Submission of the ENGINEER's invoice for final payment and reimbursement shall further constitute the ENGINEER's representation to the OWNER that, upon receipt from the OWNER of the amount invoiced, all obligations of the ENGINEER to others, including its consultants, incurred in connection with the PROJECT, have been paid in full. ENGINEER must designate on Attachment 6 – Progress Report in the appropriate space provided that such action has been completed.

8.2 TIME FOR PAYMENT

The OWNER shall make payment for services in Articles 2 and 4 within 60 days of receipt of valid invoice.

8.3 OWNER'S RIGHT TO WITHHOLD PAYMENT

In the event the OWNER becomes credibly informed that any representations of the ENGINEER, provided pursuant to Article 8.1.2, are wholly or partially inaccurate, the OWNER may withhold payment of sums then or in the future otherwise due to the ENGINEER until the inaccuracy, and the cause thereof, is corrected to the OWNER's reasonable satisfaction. Additionally, failure by the ENGINEER to supply substantiating records shall be reason to exclude related costs from the amounts which might otherwise be payable by the OWNER to the ENGINEER.

8.4 REIMBURSABLE EXPENSES

- 8.4.1 In addition to the requirements set forth in 8.1 above, invoices for reimbursable expenses shall include such documentation as the OWNER may require. Reasonable expenses are limited to the following expenses:
 - (a) Transportation outside the immediate Huntsville area (50 mile radius) approved in advance by the OWNER in writing and incurred in connection with the PROJECT; (Per Department of Treasury, Internal Revenue Service Publication 1542, Per Diem Rates, for travel within the continental United States). Refer to website: www.irs.gov/pub/irs-pdf/p1542.pdf for more information.
 - (b) Charges for long-distance communications;
 - (c) Fees paid for securing approval of authorities having jurisdiction over the PROJECT,
 - (d) Actual costs of reproduction for items in excess of those included in the required services;
 - (e) Postage and handling charges incurred for drawings, specifications and other documents.
- 8.4.2 The ENGINEER shall set forth with particularity on its invoice the nature and cost of the expense item being billed, and attach to its invoice the written authorization, if any, required for such item; and shall bill expenses at actual cost or prevailing rate and without the addition of administrative charge, any multiple or surcharge.

8.5 W-9 TAXPAYER FORM

All ENGINEERING FIRMS are required to submit a Federal Tax Form W-9 to City of Huntsville at the time a contract is awarded. No payments of invoices can be made until this W-9 Tax Form has been properly submitted. A copy of the W-9 Tax Form can be requested from the OWNER or at the following website: www.irs.ustreas.gov/pub/irs-pdf/tw9.pdf.

ARTICLE 9 - GENERAL CONSIDERATIONS

9.1 GENERAL

OWNER and ENGINEER agree that the following sections and provisions shall apply to the work to be performed under this Agreement and that such provisions shall supersede any conflicting provisions of this Agreement.

9.2 SUB-CONTRACTED SPECIALIZED SERVICES

The ENGINEER may sub-contract specialized services required of the PROJECT to competent and experienced sub-consultants approved by the OWNER in writing. As a prime professional, the ENGINEER shall act as OWNER's representative for contracting, directing, and managing the services of sub-consultants. The OWNER shall have the right to reject any consultant provided that the OWNER raises a timely objection. At the time of the execution of this Agreement, the parties anticipate that the consultants listed in Attachment "7" hereto will be retained by the ENGINEER to provide services with respect to the PROJECT. Expenses payable to the ENGINEER for administration of subcontracted services are limited to no more than 5% of the cost of the subcontracted services.

9.3 PEER REVIEW

The OWNER reserves the right to conduct, at the OWNER's expense, peer review of designs and drawings prepared by the ENGINEER and/or sub-consultant(s) for the PROJECT. The ENGINEER and sub-consultant(s) agree that knowledge and consent to review of their work by other engineers of the OWNER's choosing is hereby given in accordance with the ADMINISTRATIVE CODE (RULES AND REGULATIONS) of the Alabama State Board of Licensure for Professional Engineers and Land Surveyors, Chapter 330-X-14-.06(a) (13) effective January 2008 and as may be amended now or in the future pertaining to the Code of Ethics for review of the work of another engineer.

9.4 CLARIFICATION OF WORK

If reviewing agencies raise questions regarding the work of ENGINEER, OWNER will participate in such meetings as deemed necessary to explain and clarify this work.

9.5 CANCELLATION OF WORK

This Agreement may be canceled by either party in the event of default or violation of any of the provisions of this Agreement by the other party, by written notice delivered to the address of record by registered mail giving ten (10) days advance notice of the intention to cancel. In the event of cancellation of this Agreement, ENGINEER shall be paid for all work performed to date of cancellation, less any loss, damage, or liability incurred by reason of default of ENGINEER and all records, data, parameters, design calculations and other information collected or obtained in the performance of this Agreement shall be delivered to OWNER.

9.6 SUCCESSORS AND ASSIGNS

OWNER and ENGINEER each binds himself and his partners, successors, executors, administrators and assigns to the other party of this Agreement and to the partners, successors, executors, administrators and assigns of such other party, with respect of all covenants of this Agreement; except as above, neither OWNER nor ENGINEER shall assign, sublet or transfer his interest in this Agreement without written consent of the

other. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of any public body that may be party hereof, nor shall it be construed as giving any rights or benefits hereunder to anyone other than OWNER and ENGINEER.

9.7 CHANGES

- 9.7.1 The OWNER may, at any time by written order, make changes within the general scope of the Agreement in the services to be provided. If such changes cause an increase or decrease in ENGINEER's cost of, or time required for performance of any services, whether or not changed by any order, an equitable adjustment shall be made and the Agreement shall be modified in writing accordingly. Upon notification of change, ENGINEER must assert any claim of ENGINEER for adjustment in writing within 30 days from the date of receipt unless OWNER grants a further period of time.
- 9.7.2 If findings in any phase of this PROJECT significantly alter the scope of work for subsequent phases, or if regulations are changed resulting in a scope of work change for any phase, engineering fees set forth in Article 7 may be renegotiated by the OWNER and ENGINEER.

9.7 ENGINEER'S RECORDS

Documentation accurately reflecting services performed and the time expended by the ENGINEER and his personnel and records of reimbursable expenses shall be prepared concurrently with the performance of the services and shall be maintained by the ENGINEER. The ENGINEER shall maintain record copies of all written communications, and any memoranda of verbal communications related to the PROJECT. All such records and documentation shall be maintained for a minimum of five (5) years after the PROJECT date of final completion or for any longer period of time as may be required by law or good practice. If the ENGINEER receives notification of a dispute or of pending or commencement of litigation during this five-year period, the ENGINEER shall continue to maintain all PROJECT records until final resolution of the dispute or litigation. The ENGINEER shall make such records and documentation available to the OWNER upon notice and shall allow the authorized representative(s) of the OWNER to inspect, examine, review and copy the ENGINEER's records at the OWNER's reasonable expense.

9.8 SEAL ON DOCUMENTS

- **9.8.1** Final plans and drawings shall be marked "ISSUED FOR CONSTRUCTION". When a firm, partnership, or corporation performs the work, each drawing shall be sealed and signed by the licensed engineer or engineers who were in responsible charge of the work.
- 9.8.2 When plans and drawings issued for construction were not performed by a firm, partnership, or corporation, the first sheet or title page shall be sealed, dated, and signed by the engineer who was in responsible charge. Two or more licensed professional engineers may affix their signatures and seals provided it is designated by a note under the seal the specific subject matter for which each is responsible. In addition, each drawing shall be sealed and signed by the licensee or licensees responsible for each sheet.

- 9.8.3 When plans or drawings are a site adaptation of a standard design or plan or make use of a standard drawing of others, the ENGINEER shall take measures to assure that the site adaptation, standard drawing, or plan is appropriate and suitable for the use proposed by the ENGINEER including meeting the specific site conditions, functionality, design criteria, safety considerations, etc. After taking such measures, the ENGINEER shall seal the standard drawing or plan as shown above in sections 9.8.1 and 9.8.2. The ENGINEER shall not utilize standards of others without their written consent where written consent is required or implied.
- 9.8.4 Each sheet of documents, specifications, and reports for engineering practice and of maps, plats, charts, and reports for land surveying practice, shall be signed, sealed, and dated by the licensed engineer or land surveyor who prepared the documents or under whose responsible charge the documents were prepared. Where more than one sheet is bound together in one volume, including but not limited to reports and specifications, the licensee who prepared the volume, or under whose responsible charge the volume was prepared, may sign, seal, and date only the title or index sheet, provided that this sheet clearly identifies all of the other sheets comprising the bound volume, and provided that any of the other sheets which were prepared by, or under the responsible charge of, another licensee, be signed, sealed, and dated by the other licensee.

9.9 USE AND OWNERSHIP OF DOCUMENTS

All rights of ownership, copyrights, construction documents, including all drawings, specifications and other documents, electronic media, computer source code, or things prepared by or on behalf of the ENGINEER for the PROJECT are hereby transferred to the OWNER and shall be the sole property of the OWNER and are free of any retention The ENGINEER hereby grants to the OWNER an rights of the ENGINEER. unconditional right to use or to refer to, for any purpose whatsoever, the construction documents and any other documents or electronic media, computer source code prepared by or on behalf of the ENGINEER for the PROJECT, free of any copyright claims, trade secrets or other proprietary rights with respect to such documents. ENGINEER shall be permitted to retain copies thereof for its records. The ENGINEER's documents and other work products are not intended or represented to be suitable for reuse by OWNER or others on extensions of the PROJECT or on any other PROJECT. Any re-use without specific written verification or adaptation by ENGINEER will be at OWNER's sole risk and without liability or legal exposure to ENGINEER, and OWNER shall indemnify and hold harmless ENGINEER from all claims, damages, losses and expenses including attorneys' fees arising out of, or resulting from, such reuse by the OWNER; provided however, that this agreement to indemnify and save harmless shall not apply to any reuse of documents retained by, or through, the contractor.

9.10 ESTIMATE OF CONSTRUCTION COST

Since ENGINEER has no control over the construction cost of labor, materials, or equipment, or over the construction contractor(s) methods of determining prices, or over competitive bidding or market conditions, his opinion of probable REHABILITATION cost or construction cost provided for herein are to be made on the basis of his experience and qualifications and represent his best judgment as a design professional familiar with the construction industry; but, ENGINEER cannot and does not guarantee that proposals, bids or construction costs will not vary from opinions of probable cost prepared by him. If OWNER wishes greater assurance as to the construction cost, he will employ an independent cost estimator.

9.11 TERMINATION FOR CAUSE

This Agreement may be terminated by either party upon seven (7) days written notice to the other should such other party fail substantially to perform in accordance with its material terms through no fault of the party initiating the termination.

9.12 TERMINATION BY THE OWNER WITHOUT CAUSE

The OWNER may terminate this Agreement without cause upon seven (7) days' written notice to the ENGINEER. In the event of such a termination without cause, the ENGINEER shall be compensated for all services performed prior to termination, together with Reimbursable Expenses incurred. In such event, the ENGINEER shall promptly submit to the OWNER its invoice for final payment and reimbursement which invoice shall comply with the provisions of Paragraph 8.1.

ARTICLE 10 - INDEMNITY AND INSURANCE

10.1 INSURANCE

The ENGINEER shall carry insurance of the following kinds and amounts in addition to any other forms of insurance or bonds required under the terms of the contract specifications. The ENGINEER shall procure and maintain for the duration of the job until final acceptance by the OWNER, or as later indicated, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the ENGINEER, his agents, representatives, employees or subcontractor.

10.2 MINIMUM SCOPE OF INSURANCE:

A. General Liability:

Insurance shall be written on an occurrence basis. Claims-made coverage will be accepted only on an exception basis after the OWNER's approval. The same insurance company should write General Liability Coverage and OWNERs ENGINEERs Protective Insurance.

B. Commercial General Liability

Products and Completed Operations Contractual Personal Injury Explosion, Collapse and Underground Broad Form Property Damage

C. Professional Liability:

Insurance may be written on a "claims-made" basis, providing coverage for negligent acts, errors or omissions in the performance of professional services. Coverage shall be maintained for a discovery and reporting period of no less than five (5) years after completion of the professional services and Certificates of Insurance shall be submitted to the OWNER on a yearly basis during this time frame. Coverage shall be no less comprehensive than that which is carried by at least 25% of the registered engineers or engineering firms contracting in the

State of Alabama. Such coverage shall be carried on a continuous basis including prior acts coverage to cover the subject PROJECT. The professional liability insurance shall contain contractual liability coverage.

D. Automobile Liability:

Business Automobile Liability providing coverage for all owned, hired and non-owned autos. Coverage for loading and unloading shall be provided under either automobile liability or general liability policy forms.

E. Workers' Compensation Insurance:

Statutory protection against bodily injury, sickness or disease or death sustained by employee in the scope of employment. Protection shall be provided by a commercial insurance company or a recognized self-insurance fund authorized before the State of Alabama Industrial Board of Relations. "Waivers of Subrogation" in favor of the OWNER shall be endorsed to Workers' Compensation Insurance.

F. Employers Liability Insurance:

Covering common law claims of injured employees made in lieu of or in addition to a worker's compensation claim.

10.3 MINIMUM LIMITS OF INSURANCE:

A. General Liability:

Commercial General Liability on an "occurrence form" for bodily injury and property damage:

\$ 2,000,000 General Aggregate Limit \$ 2,000,000 Products - Completed Operations Aggregate \$ 1,000,000 Personal & Advertising Injury \$ 1,000,000 Each Occurrence

B. Professional Liability:

Insurance may be made on a "claims-made" basis:

\$ 500,000 Per Claim - Land Surveyors \$ 1,000,000 Per Claim - Other Professionals

C. Automobile Liability:

\$ 1,000,000 Combined Single Limit per accident for bodily injury and property damage.

D. Workers' Compensation:

As required by the State of Alabama Statute

E. Employers Liability:

\$ 1,000,000 Bodily Injury by Accident or Disease \$ 1,000,000 Policy Limit by Disease

10.4 OTHER INSURANCE PROVISIONS:

The OWNER is hereby authorized to adjust the requirements set forth in this document in the event it is determined that such adjustment is in the OWNER's best interest. If the insurance requirements are not adjusted by the OWNER prior to the OWNER's release of specifications with regard to the PROJECT in question, then the minimum limits shall apply. The City of Huntsville/OWNER shall be named on the policies of general liability and automobile insurance and on the certificate of insurance as an Additional Insured. Additional Insured status on the Commercial General Liability policy shall be through ISO Additional Endorsement CG 20 10 11 85 or equivalent and coverage shall be afforded on a primary basis.

The policies are to contain, or be endorsed to contain, the following provisions:

A. All Coverage:

The ENGINEER is responsible to pay all deductibles. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, canceled, non-renewal or materially changed by either party, reduced in coverage or in limits except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to the OWNER. Cancellation of coverage for non-payment of premium will require ten (10) days written notice to the OWNER.

10.5 ACCEPTABILITY OF INSURERS:

Insurance is to be placed with insurers authorized by the State of Alabama with an A. M. Best rating of A-V or better.

10.6 VERIFICATION OF COVERAGE:

The OWNER shall be indicated as a Certificate Holder and the ENGINEER shall furnish the OWNER with Certificates of Insurance reflecting the coverage required by this document. The A. M. Best rating and deductibles, if applicable, shall be indicated on the Certificate of Insurance for each insurance policy. The certificates for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf and must be an original signature. Certificates signed using digital signatures will not be accepted unless accompanied by a written statement from the insurance/surety company indicating that their electronic signature is intended as their signature. All certificates are to be received and approved by the OWNER before work commences. The OWNER reserves the right to require complete, certified copies of all required insurance policies at any time.

10.7 CONSULTANTS AND/OR SUBCONTRACTORS WORKING FOR THE ENGINEER:

The ENGINEER shall furnish separate certificates and/or endorsements for each subcontractor and/or consultant showing insurance of the same type or types and to the extent of the coverage set forth in this Article 10.

10.8 HOLD HARMLESS AGREEMENT:

A. Other Than Professional Liability Exposures:

The ENGINEER, to the fullest extent permitted by law, shall indemnify and hold harmless the OWNER, its elected and appointed officials, employees, agents, and representatives against all claims, damages, losses and expenses,

including, but not limited to, attorney's fees, arising out of or resulting from the performance of the work, provided that any such claim, damage, loss or expense (1) is attributable to personal injury, including bodily injury sickness, disease or death, or to injury to or destruction of tangible property, including loss of use resulting there from, and (2) is caused by any negligent act or omission of the ENGINEER or any of their consultants, or anyone directly or indirectly employed by them or anyone for whose acts they are legally liable. Such obligation should not be construed to negate, abridge, or otherwise reduce any other right or obligation of indemnity, which would otherwise exist as to any party or person, described in this paragraph.

B. Professional Liability:

The ENGINEER agrees, to the fullest extent permitted by law, to defend, protect, indemnify and hold harmless the OWNER, its elected and appointed officials, officers, directors, employees, agents, and representatives from and against any and all liability, claims, demands, damages, loss, costs, fees, and expenses (including actual fees and expenses of attorneys, expert witnesses, and other consultants) actually or allegedly arising out of, or resulting from, the professional services of the ENGINEER or the ENGINEER's consultants, subcontractors, or suppliers, including, without limitation, any breach of contract or any negligent acts, errors, or omissions in the performance of the professional services provided pursuant to or as a result of this Agreement. Neither, the OWNER nor the ENGINEER shall be obligated to indemnify the other party in any manner whatsoever for the other parties own negligence.

To the fullest extent permitted by law, the ENGINEER shall defend, protect, indemnify, and hold harmless the OWNER, its elected and appointed officials, officers, directors, employees, agents, and representatives from and against any and all liability, claims, demands, damages, loss, costs, fees and expenses (including actual fees and expenses of attorneys, expert witnesses, and other consultants) for infringement of patent rights, copyrights, or other intellectual property rights, except with respect to designs, processes or products of a particular manufacturer expressly required by the OWNER in writing. If the ENGINEER has reason to believe the use of a required design, process or product is an infringement of a patent, the ENGINEER shall be responsible for such loss unless such information is promptly given to the OWNER.

ARTICLE 11- MISCELLANEOUS PROVISIONS

11.1 GOVERNING LAW

This Agreement shall be governed by the law of the State of Alabama.

11.2 INTENT AND INTERPRETATION

- 11.2.1 The intent of this contract is to require complete, correct and timely execution of the work. Any work that may be required, implied or inferred by the contract documents, or any one or more of them, as necessary to produce the intended result shall be provided by the ENGINEER.
- 11.2.2 This contract is intended to be an integral whole and shall be interpreted as internally consistent. What is required by any one contract document shall be considered as required by the contract.

- 11.2.3 When a word, term or phrase is used in this contract, it shall be interpreted or construed, first, as defined herein; second, if not defined, according to its generally accepted meaning in the engineering industry; and third, if there is no generally accepted meaning in the engineering industry, according to its common and customary usage.
- **11.2.4** The words "include", "includes", or "including", as used in this contract, shall be deemed to be followed by the phrase, "without limitation".
- 11.2.5 The specification herein of any act, failure, refusal, omission, event, occurrence or condition as constituting a material breach of this contract shall not imply that any other, non-specified act, failure, refusal, omission, event, occurrence or condition shall be deemed not to constitute a material breach of this contract.
- 11.2.6 Words or terms used as nouns in this contract shall be inclusive of their singular and plural forms, unless the context of their usage clearly requires a contrary meaning.

11.3 TIME IS OF THE ESSENCE

Time limitations contained herein, or provided for hereby, are of the essence of this Agreement. The ENGINEER understands and acknowledges that time is of the essence in completion of the PROJECT and that the OWNER will incur damages if the PROJECT is not completed on time.

11.4 SUCCESSORS AND ASSIGNS

The ENGINEER shall not assign its rights hereunder, excepting its right to payment, nor shall it delegate any of its duties hereunder without the written consent of the OWNER. Subject to the provisions of the immediately preceding sentence, the OWNER and the ENGINEER, respectively, bind themselves, their successors, assigns and legal representatives to the other party to this Agreement and to the successors, assigns and legal representatives of such other party with respect to all covenants of this Agreement.

11.5 NO THIRD-PARTY BENEFICIARIES

This Agreement shall inure solely to the benefit of the parties hereto and their successors and assigns. Nothing contained herein is intended to or shall create a contractual relationship with, or any rights in favor of, or any cause of action in favor or, any third party, against the OWNER or the ENGINEER.

11.6 INTELLECTUAL PROPERTY/ CONFIDENTIALITY

All information, documents, and electronic media, computer source code furnished by the OWNER to the ENGINEER belong to the OWNER, are considered proprietary and confidential, unless otherwise indicated by the OWNER, and are furnished solely for use on the OWNER's PROJECT. Such information, documents, and electronic media, computer source code shall be kept confidential by the ENGINEER, shall only be released as necessary to meet official regulatory requirements in connection with the PROJECT, and shall not be used by the ENGINEER on any other PROJECT or in connection with any other person or entity, unless disclosure or use thereof in connection with any matter other than services rendered to the OWNER hereunder is specifically authorized in writing by the OWNER in advance. This Section 11.6 shall survive the expiration of this Agreement.

11.7 SUBCONTRACT REQUIREMENTS

The ENGINEER shall include the terms and conditions of this Agreement in every subcontract or agreement with a consultant for this PROJECT so that these terms and conditions shall be binding upon each subcontractor or consultant. The subcontractor(s)/consultant(s) will maintain all licenses and certifications to practice its profession or trade by all public entities having jurisdiction over the PROJECT. The subcontractor (s)/consultant(s) further represent to the OWNER that the subcontractor(s)/consultant(s) will maintain all necessary licenses, certifications, permits or other authorizations necessary for the PROJECT until the remaining duties hereunder have been satisfied.

11.8 NOTICES

Unless otherwise provided, all notices shall be in writing and considered duly given if the original is hand delivered; if delivered by facsimile to 256-427-5325, or is sent by U.S. Mail, postage prepaid to City of Huntsville Engineering, P. O. Box 308 (35804), 320 Fountain Circle (35801), Huntsville, AL. All notices shall be given to the addresses set forth above. Notices, hand delivered or delivered by facsimile, shall be deemed given the next business day following the date of delivery. Notices given by U.S. Mail shall be deemed given as of the second business day following the date of posting.

11.9 FEDERAL IMMIGRATION LAW

By signing this Agreement, the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly employ, hire for employment or continue to employ an unauthorized alien within the state of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom.

11.10 STRICT COMPLIANCE

No failure of the OWNER to insist upon strict compliance by the ENGINEER with any provision of this Contract for Professional Services shall operate to release, waive, discharge, modify, change or affect any of the ENGINEER's obligations.

11.11 WAIVER

No provision of this Agreement may be waived except by written agreement of the parties. A waiver of any provision on one occasion shall not be deemed a waiver of that provision on any subsequent occasion, unless specifically stated in writing. A waiver of any provision shall not affect or alter the remaining provisions of this Agreement.

11.12 SEVERABILITY

If any provision of this Agreement, or the application thereof, is determined to be invalid or unenforceable, the remainder of that provision and all other provisions of this Agreement shall remain valid and enforceable.

11.13 ETHICS

The ENGINEER shall not offer or accept any bribes or kickbacks from or to any manufacturer, consultant, trade contractor, subcontractor, supplier or any other individual or entity in connection with the PROJECT. The ENGINEER shall not confer on any governmental, public or quasi-public official having any authority or influence over the PROJECT any payment, loan, subscription, advance, deposit of money, services or

anything of more than nominal value, present or promised. The ENGINEER shall not, without the express written permission of the OWNER, engage or recommend to the OWNER engagement of any consultant, trade contractor, subcontractor, or supplier to provide services on behalf of the ENGINEER, OWNER or PROJECT in which the ENGINEER has a direct or indirect proprietary or other pecuniary interest; or call for the use of or by exclusion require or recommend the use of products, materials, equipment, systems, processes or procedures in which the ENGINEER or in which any consultant, trade contractor, subcontractor, or supplier of the ENGINEER has a direct or indirect proprietary or other pecuniary interest. Without prior notification and written approval of the OWNER, the ENGINEER and the ENGINEER'S subconsultants shall not offer services to the OWNER'S contractor.

11.14 ENTIRE AGREEMENT

This Agreement represents the entire agreement between the OWNER and the ENGINEER and supersedes all prior communications, negotiations, representations or agreements, either written or oral. This agreement may be amended only by written instrument signed by both OWNER and ENGINEER.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first above written.

OWNER: CITY OF HUNTSVILLE	ENGINEER: S&ME, INC.
BY:Tommy Battle	BY:Charles Oligee
TITLE: Mayor	TITLE: Principal
ATTEST:	ATTEST:
Given under my hand thisday	Given under my hand thisday
Of,2014.	Of,2014.
Notary Public	Notary Public
My commission expires	My commission expires

ATTACHMENT 1-SCOPE OF SERVICES

(Refer to letter dated June 12, 2014 from Sarah Yeldell and Charles Oligee to Chris McNeese and attachments).



July 21, 2014

City of Huntsville, Alabama

320 Fountain Circle

Huntsville, Alabama 35801

Attention: Mr. Chris McNeese

Subject: NPDES Permitting and Compliance Services

Sockwell Ditch Improvements

Huntsville, Madison County, Alabama S&ME Proposal No. 44-1400295

Dear Mr. McNeese:

S&ME, Inc. is pleased to submit this proposal for providing Environmental Consulting Services for your project. Since 1973, S&ME has provided geotechnical engineering, environmental consulting, and construction observation and materials testing services on thousands of projects throughout the Southeast. We are currently recognized by Engineering News Record magazine as a Top 200 Environmental Firm.

PROJECT INFORMATION

This proposal was requested by Mr. Chris McNeese of the City of Huntsville during a meeting with Mr. Jeffrey Pepper of S&ME on May 16, 2014. Drawings showing the proposed improvements were supplied by Mr. McNeese during the meeting. Additional project information was provided by Mr. McNeese during a meeting with Mr. Pepper and Ms. Sarah Yeldell of S&ME on May 29, 2014.

S&ME understands the project consists of the construction of a bench along the north side of the existing Sockwell Ditch. The project begins approximately 0.25 mile west of SW Meadowbrook Drive in Huntsville, Alabama, and extends approximately 1,925 feet west along the ditch. Based on our review of the drawings provided, the proposed bench will widen the current channel by 11 to 35 feet. The total disturbed area is expected to encompass approximately 1 acre.

The Alabama Department of Environmental Management (ADEM) currently requires construction sites equal to or greater than **one (1) acre** in size to apply for coverage under the National Pollutant Discharge Elimination System (NPDES) Alabama Construction General Permit. This permit requires the development of a site-specific narrative

Construction NPDES Services Sockwell Ditch Improvements - Huntsville, Alabama

S&ME Proposal No. 44-1400295 July 21, 2014

Construction Best Management Practices Plan (CBMPP), monthly inspections and reporting, inspections and reporting after qualifying rain events, and semi-annual CBMPP evaluations. When the project is complete and all disturbed areas have been suitably stabilized, the ADEM requires that a Termination Request be filed. A Spill Prevention Control and Countermeasures (SPCC) Plan is also required by this permit if fuel, chemicals, or pollutants are stored on site during construction. The current permit will expire on March 31, 2016.

S&ME understands the City of Huntsville is requesting that S&ME provide professional services related to NPDES permitting and compliance at the subject construction site, including preparation of the Erosion and Sediment Control Plan, Final Stabilization Plan, and CBMPP.

SCOPE OF SERVICES

Erosion and Sediment Control Plan / Final Stabilization Plan

Utilizing the project drawings prepared by Smith Engineering Company, Inc., dated August 26, 2013, S&ME will prepare the Erosion and Sediment Control (ESC) Plan and the Final Stabilization Plan. The ESC Plan will identify the BMPs planned for the subject site and will include installation details. The Final Stabilization Plan will outline the measures for permanent stabilization of the reconfigured channel following construction.

If updated site drawings become available, S&ME will require a copy of the revised drawings in AutoCAD format.

Notice of Intent

S&ME will complete the Notice of Intent (NOI) for coverage under the Alabama Construction General Permit ALR100000 for the subject construction site. S&ME will also prepare the required site location map showing the discharge points and the Delegation of Authority form. S&ME personnel will conduct a site visit prior to finalizing the NOI to verify existing site conditions and discharge points. The NOI will be signed by a Professional Engineer acting as the Qualified Credentialed Professional.

The permittee will be responsible for signing the NOI and returning it to S&ME for submittal to the ADEM. S&ME has included the \$1,155 Permit Fee in our fee estimate. S&ME will submit the required fee to the ADEM with the signed NOI.

Construction Best Management Practices Plan

S&ME will prepare the required site-specific narrative CBMPP for the subject construction site in general accordance with Part III.D of the Alabama Construction General Permit. The specific content of the narrative CBMPP is outlined in Part III.D.3 of the permit.

Construction NPDES Services Sockwell Ditch Improvements - Huntsville, Alabama

S&ME Proposal No. 44-1400295 July 21, 2014

The CBMPP will provide a narrative summary of planning considerations, procedures, activities, and practices implemented for the prevention and/or minimization of pollutants in runoff. The plan will include installation details for various types of sediment and erosion control Best Management Practices and will be certified by a Professional Engineer acting as the Qualified Credentialed Professional.

Weekly and Post-Precipitation Site Inspections

The Construction General Permit requires that a site inspection be performed **once per week** for all active disturbance, dredging, excavation, or construction undertaken or located within the banks of a waterbody. Site inspections must also be performed following each 0.75-inch or greater rainfall that occurs within any 24-hour period. Inspections following a qualifying precipitation event must commence no later than 24 hours after resuming construction activities and must be completed within 72 hours of the qualifying event.

S&ME will conduct the required weekly and post-rainfall site inspections and complete the ADEM NPDES Construction Stormwater Inspection Report and BMP Certification (ADEM Form 23) for each site inspection. Each inspection will be conducted by a qualified person under the direct supervision of an Alabama-registered Professional Engineer acting as the Qualified Credentialed Professional. The Permittee will be responsible for notifying S&ME when a qualifying rain event is measured by the on-site rain gauge.

We estimate an average of five inspections per month over the course of the project. These inspections are required until all disturbed areas have been fully reclaimed, permanently stabilized, or perennial vegetative cover is established. For the purposes of this proposal, we have estimated the project duration to be about three months and have included a total of 15 inspections in our estimated fee. Please note that compensation for our services will be based on the actual time spent and expenses incurred. If final stabilization is not achieved in three months, than additional fees will be incurred for site inspections until final stabilization is achieved. Fees for the additional inspections will be billed at the commensurate rate.

Semi-Annual Site Evaluation and CBMPP Review

The Construction General Permit requires that the Qualified Credentialed Professional perform an on-site evaluation of all erosion and sediment controls and a review of the CBMPP a minimum of once every six months. S&ME will conduct the required semi-annual evaluations and complete the ADEM NPDES Construction Stormwater Inspection Report and BMP Certification (ADEM Form 23) for each semi-annual evaluation.

Permit Termination

ADEM regulations state that to apply for permit termination, the Qualified Credentialed Professional must confirm that all regulated activity authorized by the Construction General Permit has been completed, construction/industrial effects removed, solid waste/debris properly disposed of, all disturbed areas have been fully reclaimed, suitably stabilized, or

S&ME Proposal No. 44-1400295 July 21, 2014

perennial vegetative cover established, and storm water discharges do not represent an adverse impact to water quality.

After conducting a site inspection and determining that the termination criteria have been met, S&ME will complete the Termination Request (ADEM Form 21). The Permittee will be responsible for submitting the completed and signed Termination Request.

EXCLUDED SERVICES

Without attempting to be a complete list or description, the following services are specifically excluded from this proposal:

- The assessment of the site's compliance with regulations other than the Construction General Permit
- Daily site observations as required by the Construction General Permit
- Daily precipitation recording as required by the Construction General Permit
- Preparation of a separate, site-specific SPCC Plan
- Wetlands identification and/or delineation
- Archeological identification
- Turbidity monitoring of storm water discharges

As of the date of this proposal, S&ME has not been provided a copy of the permit issued to the subject site by the US Army Corps of Engineers (USACE). If additional services are required to meet the requirements of the USACE permit, S&ME will include those services under a separate proposal.

BUDGET

Compensation for our services will be based on the actual time and expenses incurred (**Time and Materials**) in accordance with the attached Fee Schedule. Based on the information provided to us and the activities as described under the Scope of Services outlined above, our estimated fee for the aforementioned services is \$12,925. The specific task budgets are as follows:

Erosion and Sediment Control Plan / Final Stabilization Plan	\$3,140
Notice of Intent (ADEM Form 24)	\$1,275
ADEM Permit Registration Fee	\$1,155
Construction Best Management Practices Plan	\$1,670
15 Site Inspections and Reports (ADEM Form 23)	\$4,500
2 Semi-Annual QCP Site and CBMPP Evaluations	\$990
Termination Request (ADEM Form 21)	\$195

Construction NPDES Services Sockwell Ditch Improvements - Huntsville, Alabama

S&ME Proposal No. 44-1400295 July 21, 2014

The estimated fee of \$12,925 includes a total of 15 site inspections and two (2) QCP evaluations. If more than 15 inspections are required, a change order will be prepared.

SCHEDULE

Based on our current schedule, we expect to begin work on the ESC Plan and the Final Stabilization Plan within five (5) business days of receipt of a written notice to proceed. We anticipate that electronic drafts of the plans will be available for review approximately ten (10) business days after beginning work.

Work will begin on the Construction Best Management Practices Plan and the Notice of Intent following completion of the ESC and Stabilization plan drafts. The Notice of Intent is expected to take approximately three (3) business days to complete, at which time hardcopies will be mailed to the Permittee for signature and submittal. We anticipate an electronic draft of the CBMPP will be available for review approximately ten (10) business days after completion of the Notice of Intent.

The final ESC and stabilization plans and CBMPP will be completed five (5) business days after the drafts have been reviewed by the Permittee and we have received comments from the review. The final plans and CBMPP will be provided in hardcopy and electronic format.

USE OF PROPOSAL/REPORT

This proposal is solely intended for the services described in the Scope of Services. The Scope of Services may not be modified or amended, unless the changes are first agreed to in writing by the City of Huntsville and S&ME. Use of this proposal and corresponding deliverables is limited to above-referenced project and client. No other use is authorized by S&ME, Inc.

AUTHORIZATION

Our Agreement for Services, Form Number AS-071, is attached and is incorporated as a part of this proposal. Please indicate your acceptance of our proposal by signing the form and returning it to our office. We will then proceed with the performance of the services.

If you elect to accept our proposal by issuing a purchase order, then please reference this proposal number and date. Your purchase order will be an acceptance of our Agreement of Services and an authorization to proceed with the performance of our services. The terms and conditions included in any purchase order shall not apply, as our agreement is for services that are not compatible with purchase order agreements. If this proposal is transmitted to you via email, and if you choose to accept this proposal by email, your reply email acceptance will serve as your representation to S&ME that you have reviewed the proposal and the associated Agreement for Services (AS-071) and hereby accept both as written.

Construction NPDES Services Sockwell Ditch Improvements - Huntsville, Alabama

S&ME Proposal No. 44-1400295 July 21, 2014

CLOSING

S&ME, Inc. appreciates the opportunity to offer our services to the City of Huntsville for this project. If you should have questions concerning this proposal, or if additional information is required, please contact us.

Sincerely,

S&ME, Inc.

Sarah L. Yeldell, P.E.

Project Engineer

Charles R. Oligee, P.E.

Principal Engineer

Attachments: Environmental Services Fee Schedule

Opinion of Probable Costs

Agreement for Services (Form AS-071)

OPINION OF PROBABLE COST SOCKWELL DITCH IMPROVEMENTS CITY OF HUNTSVILLE HUNTSVILLE, MADISON COUNTY, ALABAMA S&ME PROPOSAL NO. 44-1400295

Notice of Intent							
1. Senior Engineer	1	hours	@	\$	135.00 / hour	\$	135.00
2. Project Engineer	8	hours	@	\$	115.00 / hour	\$	920.00
3. CADD	3	hours	@	\$	65.00 / hour	\$	195.00
4. Administrative	0.5	hours	@	\$	50.00 / hour	\$	25.00
5. ADEM Permit Fee	1	е	@	\$	1155.00 / hour	\$	1,155.00
		day	@	\$	130.00 day	\$	•
Mileage		mile	@	\$	0.65 mile	\$	•
					Subtotal	\$	2,430.00
Construction Best Management Practices Pl 1. Senior Engineer	lan 1	hours	@	æ	125.00 / have	•	125.00
_	-		@		135.00 / hour	\$	135.00
2. Project Engineer 3. CADD	12	hours	@	\$	115.00 / hour	\$	1,380.00
	2	hours	@	\$	65.00 / hour	\$	130.00
4. Administrative	0.5	hours	@	\$	50.00 / hour	\$	25.00
					Subtotal	\$	1,670.00
Erosion and Sediment Control Plan							
stolich and bediment Conti of I fair		hours	@	\$	135.00 / hour	\$	270.00
1. Senior Engineer	2	nours	w	Ψ.			
	2 8	hours	@	\$	115.00 / hour	\$	920.00
1. Senior Engineer	_		@		115.00 / hour 65.00 / hour		
Senior Engineer Project Engineer	8	hours		\$		\$	920.00 1,950.00 -



OPINION OF PROBABLE COST SOCKWELL DITCH IMPROVEMENTS CITY OF HUNTSVILLE HUNTSVILLE, MADISON COUNTY, ALABAMA S&ME PROPOSAL NO. 44-1400295

1. Senior Engineer	0.3	hours	@	\$	135.00 / hour	\$ 33.7
2. Project Engineer	0.3	hours	@	\$	115.00 / hour	\$ 28.7
3. Staff Professional	2.5	hours	@	\$	85.00 / hour	\$ 212.5
4. Administrative	0.5	hours	@	\$	50.00 / hour	\$ 25.00
				S	ubtotal per Inspection	\$ 300.00
EMI-ANNUAL QCP SITE EVALUATI	ON AND REI	PORT				
1. Senior Engineer	0.5	hours	@	\$	135.00 / hour	\$ 67.50
2. Project Engineer	3.5	hours	@	\$	115.00 / hour	\$ 402.50
3. Staff Professional	0	hours	@	\$	85.00 / hour	\$ -
4. Administrative	0.5	hours	@	\$	50.00 / hour	\$ 25.00
				Su	btotal per Evaluation	\$ 495.00
ERMINATION REQUEST						
1. Senior Engineer	0.5	hours	@	\$	135.00 / hour	\$ 67.50
2. Project Engineer	1	hours		\$	115.00 / hour	\$ 115.00
3. Staff Professional	0	hours		\$	85.00 / hour	\$ -
4. Administrative	0.3	hours	@	\$	50.00 / hour	\$ 12.50
					Subtotal	\$ 195.00



ATTACHMENT 2 - ALABAMA IMMIGRATION ACT - REPORT OF OWNERSHIP FORM

	CITY OF HUNISVILLE, ALAB	IAMA REPORT OF OWNERSHIP FORM
A.	General Information. Please provide the following	g information:
=	Legal name(s) (include "doing business as", if appl	licable): S + ME, INC
•	should be listed on the renewal form.)	d by the City and if you are renewing your business license, the number
В.		ded portions of the following chart by checking the appropriate box below applicable (for an explanation of what an entity number is, please see
	Type of Ownership (check appropriate box)	Entity I. D. Number & Applicable State
	☐ Individual or Sole Proprietorship	(NO 18 18 18 18 18 18 18 18 18 18 18 18 18
	☐ General Partnership	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	☐ Limited Partnership (LP)	Number & State:
	☐ Limited Liability Partnership (LLP)	Number & State:
	☐ Limited Liability Company (LLC) (Single Member)	Number & State:
	☐ LLC (Multi-Member)	Number & State:
	Corporation	Number & State: 56-0791580 N.C.
	Other, please explain:	Number & State (if a filing entity under state law):
c . D.	available through the website of Alabama's Secreta foreign entity is not registered in this state please pramed called) assigned by the state of formation al Formation Documents. Please note that, with registered in this state please please note that, with registered in the state of formation Documents.	quired and if the business entity is registered in this state, the number is any of State at: www.sos.state.al.us/ , under "Government Records". If a provide the Entity I.D. number (or other similar number by whatever long with the name of the state. Financial registered in this state, including articles or applicable formation documents, as recorded in the probate records of the
	Number is required and one has not been assigned Please date and sign this form in the space provide	ed below and either write legibly or type your name under your signature.
	If you are signing on behalf of an entity please inse	rt your title as well. Title (if applicable):
	Type or legibly write name:	

ATTACHMENT 3 CITY OF HUNTSVILLE STANDARDS AND DESIGN GUIDES

- 1. City of Huntsville Standard Specifications for Construction of Public Improvements. Contract Projects, 1991.
- 2. City of Huntsville Engineering Standards, 1991.
- 3. City of Huntsville Design and Acceptance Manual for Force Mains and Pump Stations, 2011.
- 4. City of Huntsville Design and Acceptance Manual for Sanitary Sewers, 2011.
- 5. Alabama Department of Transportation Standard Specifications for Highway Construction, Current Edition.
- 6. City of Huntsville Subdivision Regulations, 1991.

<u>0% COMPLETE - PRE-DESIGN CONFERENCE</u>

The ENGINEER shall meet with the OWNER at a 0% complete - Pre-Design Conference. The OWNER's representative (Project Engineer) will be introduced.

CONFERENCE FORMAT

The pre-design meeting will we initiated by the OWNER. The purpose of the conference will be to give the ENGINEER an opportunity to discuss the design of the PROJECT, to visit the PROJECT site, to receive copies of OWNER -furnished documents, if applicable, and to meet the OWNER'S Project Engineer and other personnel working on the PROJECT.

ATTENDEES: (Required)

- ENGINEER
- ALDOT (as appropriate for the type of project)
- Real Estate
- Landscape
 Management

- Utilities
- Traffic Engineering
- Planning

DISCUSSION TOPICS:

- Authority of OWNERS representative (Written submittal made to the ENGINEER)
- Scope of Work
- Time Requirements
- Budget Restraints
- Testing Requirements
- Permit Responsibilities
- Design criteria
- LC&E requirements
- Plan Requirements
- Special Conditions

- Utility Project
 Notification and a list of all utilities that need to be contacted.
- Tree Ordinance

- 1. A Certificate of Insurance for the ENGINEER and the ENGINEER's subconsultants shall be submitted to the OWNER's PROJECT ENGINEER per Section 10.6.
- 2. Prior to the Pre-Design Conference, a completed **draft** design criteria document shall be prepared to the best of the ENGINEER'S ability and in conformance with his fee proposal and will serve as the basis of a discussion topic during the Pre-Design Conference. A **final** version of the design criteria based upon discussion during the meeting shall be prepared by the ENGINEER and distributed with the meeting minutes. A copy of a design criteria format may be found on the City of Huntsville web site at http://www.huntsvilleal.gov/engineering/index.php.
- 3. Within seven (7) calendar days of the 0% Complete Pre-Design Conference, the ENGINEER shall submit to the OWNER's Project Engineer two color copies and an electronic copy of a schedule in Microsoft Projects format showing the critical path and indicating the time frame for the required milestone events and submittals outlined in this document. The schedule shall support a PROJECT completion date in accordance with the Period Of Services in Article 6. When approved, a baseline of the schedule shall be saved from which variances in the schedule can be measured and evaluated.

30% COMPLETE - CONCEPTUAL DESIGN

This evaluation review is to show the OWNER how the functional and technical requirements will be met, to indicate the ENGINEER's approach to the solution of technical problems, to show compliance with evaluation criteria or to justify noncompliance and to provide an estimate of probable cost. A field review shall be conducted at this juncture with the OWNER's staff and the ENGINEER to review the proposed field alignment of the PROJECT.

CONFERENCE FORMAT

DISCUSSION TOPICS:

- ENGINEER presents recommended evaluation methods along with other options and alternatives considered.
- □ ENGINEER presents updates on progress of permitting requirements
- □ ENGINEER presents progress on coordination with other project participants such as the State of Alabama, sub consultants, etc.
- □ ENGINEER presents budgetary constraints

- 1. A preliminary list of all permits to be obtained with associated fees.
- 2. An updated schedule in Microsoft Projects format showing the critical path shall be submitted.
- 3. Two color copies and an electronic copy of an updated schedule in Microsoft Projects format showing the critical path shall be submitted.

60% COMPLETE - PRELIMINARY EVALUATION CRITERIA

The review of the PROJECT at this point is primarily to insure that funding limitations are not being exceeded and to insure that the contract documents, design analysis and cost estimates are proceeding in a timely manner, and that the design criteria and previous review comments are being correctly interpreted. An additional review may be required by the OWNER to review changes proposed from previous submittals.

CONFERENCE FORMAT

DISCUSSION TOPICS:

- Utility Project Notification and a list of all utilities that need to be contacted.
- ☐ Technical specifications for special construction items not covered under standard specifications or deviations from standard specifications.
- Update on progress of permitting requirements.
- □ Budget constraints.
- □ Progress on coordination with other project participants such as the City of Huntsville Fire Dept., Huntsville Utilities, etc.

- An update to the schedule in Microsoft Projects format showing the critical path shall be submitted.
- 2. Two color copies and an electronic copy of an update to the schedule in Microsoft Projects format showing the critical path shall be submitted.

90% COMPLETE - FINAL REVIEW

The review of this submittal is to ensure that the evaluation is in accordance with directions provided the ENGINEER during the design process.

CONFERENCE FORMAT

DISCUSSION TOPICS

Discussion topics will be handled open forum.

REQUIRED SUBMITTALS TO THE PROJECT ENGINEER

1. ESTIMATED DATE OF COMPLETION

100% COMPLETE -READY FOR OWNER REVIEW

After the 90% review, the ENGINEER shall revise the data and report documents by incorporating any comments generated during the previous reviews. The ENGINEER shall prepare final hard copy report, digital information and update the cost estimate as necessary.

CONFERENCE FORMAT

DISCUSSION TOPICS

This is a submittal only.

- 1. One (1) print copy of Final Construction Cost Estimate.
- 2. One (1) digital spread sheet file of Final Construction Cost Estimate.

ATTACHMENT 5 - ENGINEERS PERSONNEL FEE SCHEDULE

Construction NPDES Services Sockwell Ditch Improvements - Huntsville, Alabama

S&ME Proposal No. 44-1400295 July 21, 2014

FEE SCHEDULE

Personnel

Principal Engineer, per hour	\$175
Senior Engineer, Planner, or Geologist, per hour	\$135
Project Manager, per hour	\$115
Project Engineer, Scientist, or Geologist, per hour	\$115
Staff Engineer or Geologist, per hour	\$85
Administrative/Clerical, per hour	\$50
CADD, per hour	\$65
GPS Field Unit, per day	
Expenses	Cost + 5%

Rates to remain in effect through the duration of the project

ATTACHMENT 6 - PROGRESS REPORT (Article 8)

PROGRESS REPORT NO	FOR MONTH AND YEAR
PROJECT	PROJECT NO
DATE CITY'S PROJ	JECT ENGINEER
CONSULTANT	CONSULTANT'S PROJ. MAN
CURRENT MONTH % COMPLETE:	PREV. MONTH % COMPLETE:
	ED TASKS REPORT" AND A "SLIPPING TASKS REPORT" FROM TS ALL ACTIVITY THAT IS BEHIND SCHEDULE.
THIRTY (30) DAYS AFTER THE DAT	
STATE WHAT ACTION IS BEING TA	AKEN TO BRING PROJECT BACK TO SCHEDULE:
MILESTONE SUBMITTALS 30% 60% 90% 100% "FINAL" INVOICE SUBMITTED	SCHEDULED DATE ACTUAL DATE
SUBCONSULTANTS PAID IN FULL CONTRACTED COMPLETION DATE	E: October 23, 2014
Engineer and noted monthly on each changed except by contract change of	peed upon at the beginning of the project (Attachment 4) with the Project progress report. The scheduled contract completion date shall not be order. Changes to the scheduled milestone submittal dates shall be lule approved by the OWNER'S Project Engineer.)
UPDATED SCHEDULE ATTACHED? *If yes, send an electronic copy to the	
COMMENTS:	
This progress report (4 copies) shall be without a contract modification.	pe submitted monthly. Scheduled completion dates will not be extended
CERTIFICATION: I certify that the sta	ated information is true and accurate to the best of my knowledge.
CONSULTANT DAT	E CITY PROJECT ENGINEER DATE

ATTACHMENT 7 - SUB CONSULTANTS ENGAGED BY THE ENGINEER (Article 9.2)

CONSULTANT NAME AND ADDRESS	DESCRIPTION OF SERVICES	FEE
	N/A	
	SUB-TOTAL	
	5% Administrative Fee	
	TOTAL	

ATTACHMENT 8 - CONTRACT DOCUMENT REQUIREMENTS LIST

REQUIREMENT	SUBMIT TO	SUBMITTAL REQUIREMENT DATE	NUMBER OF COPIES	REFERENCE SECTION OF CONTRACT AND COMMENTS
Deviations from OWNER's standards.	OWNER	Prior to incorporating deviations.	2	Article 2.5
Products or materials specified by the ENGINEER that are available from only one source.	OWNER	Prior to 100% submittal.	2	Article 2.2
Approval of contractor's Request for Payment.	OWNER	Within ten (10) days of receipt of the request from the contractor.	N/A	Article 3.4
Approval of contractor submittals	OWNER	So as to cause no delay to the contractor or the PROJECT.	N/A	Article 3.8
Change order changes that reduce construction requirements.	OWNER	Prior to authorizing a change.	N/A	Article 3.11
Any information pertaining to any claim.	OWNER	Immediately	2	Article 3.12
Information pertinent to the PROJECT, all criteria and full information as to OWNER's requirements, copies of all design and construction standards.	ENGINEER	So as to not delay the services of the ENGINEER.	2	Article 5.1, 5.2
Notification of delays.	ENGINEER; OWNER	Promptly	4	Article 6.1
ENGINEER's monthly invoices.	OWNER	Monthly	4	Article 8.1.1
Consultant progress report.	OWNER	Monthly	4	Article 8.1.1
Records, data, parameters, design calculations and other information.	OWNER	Cancellation of contract.	2	Article 9.7
Documentation, records of reimbursable expenses, record copies of all written communications, and any memoranda of verbal communications related to the PROJECT.	OWNER	Upon notice from the OWNER.	2	Article 9.4
Termination notification.	OWNER or ENGINEER	7 days prior to termination.	2	Article 9.10 & 9.11

	T 2			T
Certificate of Insurance for ENGINEER.	OWNER	At 0% design conference	1	Article 10.2(B), 10.6, and
La suranza a canadiation	OWNED	OO days anion to offertive	4	attachment 4.
Insurance cancellation,	OWNER	30 days prior to effective	1	Article 10.4(A)
suspension, or reduction in		date except for		
coverage or limits.		cancellation which is 10		
		days notification.		
Certificate of insurance for sub	OWNER	At 0% design conference.	1	Article 10.7
consultants/subcontractors.				
A cohodula in Microsoft Drainets	Droinet	Mithin 7 colondor dove of	4 hords 4 digital	Attachment 4
A schedule in Microsoft Projects	Project	Within 7 calendar days of	1 hard; 1 digital	Attachment 4
format showing the critical path.	Engineer	Pre-design conference,		
		30% complete design		
		review. 60% design		İ
		review. Attachment 4		
Drawings.	Project	30% complete design	N/A	Attachment 4
	Engineer	review, 60% design		
		review, 90% review, and		
		100% complete.		
Cost estimate.	Project	30% complete design	3	Attachment 4
	Engineer	review, 60% review, 90%	-	
	Ligitical	review, and 100%		
I to refer the new order	Duningt	complete.	N/A	Attachment 4
Hydraulic reports.	Project	60% design review.	IN/A	Attachment 4
	Engineer			
Preliminary plans for utilities.	Project	60% design review.	N/A	Attachment 4
	Engineer			
Real Estate Deliverables	Project	60% design review, 90%	N/A	Attachment 4,
	Engineer	review, 100% complete.		Real Estate Plan
				Requirements at
		İ		end of this
				proposal
				document
Traffic Control plan.	Project	60% design review.	N/A	Attachment 4
Tame Common plan.	Engineer	00 /0 000igii 10 viow.		/ macminon
Results of geotechnical	Project	30% design review.	N/A	Attachment 4
_		30% design review.	IVA	Allachinent 4
investigations.	Engineer	000/	NI/A	A44 4
Technical specifications.	Project	90% review, 100%	N/A	Attachment 4
—	Engineer	complete.		
Relocation of Utilities	Project	0% review-list of all utilities	N/A	Attachment 4,
	Engineer	that need to be contacted		10
		60% review – from all		
		affected parties		
		90% review - Signed		
		Acceptance Utility Project		
		Notification Form		
Design Calculations	Project	90% review, 100%	N/A	Attachment 4
Design Calculations			IVA	Allacillitiil 4
Digital convert describers	Engineer	complete	NI/A	A44
Digital copy of drawings.	Project	100% complete - 1 in .dgn	N/A	Attachment 4
	Engineer	format; 1 in .tiff or .pdf		
		format		
Digital text files.	Project	100% complete.	1	Attachment 4
	Engineer			
Bid Quantities.	Project	100% complete. Digital in	N/A	Attachment 4
	Engineer	Excel 2003 format and		
]	hard copy		
Permits and Permit Applications	Project	100% complete.	N/A	Attachment 4
. C.I.Mo and I Cidin Applications	Engineer	10070 00111111010.	. 47	/ MOOINIOIN T
	Ligineei	1		

Field notes.	Project Engineer	100% complete.	N/A	Attachment 4
Digital photography of manholes.	Project Engineer	100% complete.	1	Attachment 4
Progress Report (Art. 8)	Project Engineer	30% complete design review, 60% design review, 90% design review, 100% completion stage.	4 hard; 1 digital monthly	Attachment 6

ATTACHMENT 9 - REQUIREMENTS FOR DOCUMENT SUBMITTALS

DRAWINGS

All drawings shall be sized 24" x 36", unless otherwise approved by the OWNERS Project Engineer.

Title blocks shall as a minimum, contain the name of the project, date, city project number, and ENGINEER's name. The title block of drawings shall contain a space for the names of the preparer and the reviewer and/or checker. These blocks shall be signed on each submittal (See Attachment "11" for sample standard drawing format). Drawings shall contain alphanumeric revision designations. Drawings issued for review shall be issued with alpha revision designation and the revision letter shall be changed for each submittal containing drawing changes. Drawings issued for construction shall be issued with numeric designation at revision level "0" and described as "Issued for Construction" in the revision description block. Subsequent drawing changes require the revision level to be raised using successively higher numbers and the changes to be marked by circling and briefly described in a revision block.

All drawings shall be prepared in Micro station .DGN format, unless otherwise approved by the OWNERS Project Engineer. Transmittal letters shall consist of a list of files being submitted, a description of the data in each file, and a level/layer schematic of each design file. DGN design files shall have working units as follows: master units in feet, no sub-units, and 1,000 positional units. All data submitted shall use NAD 1983 Alabama East Zone horizontal datum and NAVD 88 vertical datum coordinates.

Unless otherwise specified by the Owners Project Engineer, all drawings for review submittals shall be full or half-size copies. All documents shall be clearly marked in a revision block indicating the applicable submittal milestone, i.e. 30%, 60%, 90%, etc.

OTHER DOCUMENTS

Submittals required by the State of Alabama for their review, bidding, etc., shall be of the size, form and numbers of copies as the state may require even though such submittals may differ from the submittals set forth as being required elsewhere in this Agreement.

Digital files shall be submitted by 4-3/4" CD ROM, DVD, 3 and 1/2 inch floppy disk, flash drive, or to the City of Huntsville F.T.P. site.

All print copies shall be first generation copies.

All text documents shall be prepared in Microsoft Word 2010 format.

All spreadsheets shall be in Microsoft Excel 2010 format.

All PDF files shall be searchable.

Schedules shall be in Microsoft Projects format, unless otherwise approved by the OWNERS Project Engineer.

Aerial photography files shall be in Intergraph (.COT) or (.tiff) format.

All mapping shall meet National Map Accuracy Standards unless otherwise noted. If National Map Accuracy Standards are not met, the accuracy of the map shall be identified to the Owners Project Engineer and on the maps derived from the aerial survey. National Map Accuracy Standards are shown below. This and other map standards are shown in Department of the Army, US Army Corps of Engineers standard, "EM 1110-1-1000, Engineering and Design - Photogrammetric Mapping".

All final drawings, specifications, plans, calculations, letters containing Engineering or Surveying recommendations or other Engineering or Land Surveying papers or documents involving the practice of

engineering or land surveying as defined by Code of Alabama, Title 34, Chapter 11 shall be sealed, dated, and bear the signature of the person who prepared or approved them.

Working drawings or other documents shall contain a statement to the effect "Preliminary-Not for construction, recording purposes or implementation."

ATTACHMENT 10 – UTILITY PROJECT NOTIFICATION FORM

PROJECT NUMBER: PHONE: on as available, and: DO NOT quired, a construction duration of
pHONE: phone: on as available, and: DO NOT
PHONE: en as available, and: DO NOT
on as available, and: DO NOT
DO NOT

be required for relocation.
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